



Insight™ Lawn Mower

Model No. 10683 - 250000001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

Contents

Description	Page	Description	Page
Front End and Tunnel Assembly	 3	Recoil Starter Assembly No. 590702	
Housing and Decal Assembly No. 108-9345	 4	(Optional) Tecumseh LV195EA-362044C	 11
Rear End Assembly	 5	Engine Assembly Tecumseh LV195EA-362044C	 12
Upper Handle Assembly	 6	Engine Assembly (continued) Tecumseh LV195EA-362044C	 14
Lower Handle Assembly	 7	Rewind Starter Assembly No. 590739	
Blade and Engine Assembly	 8	Tecumseh LV195EA-362044C	 16
Clip Assembly	 9	Attachments and Accessories List	 17
Rear Bag Assembly	 10		

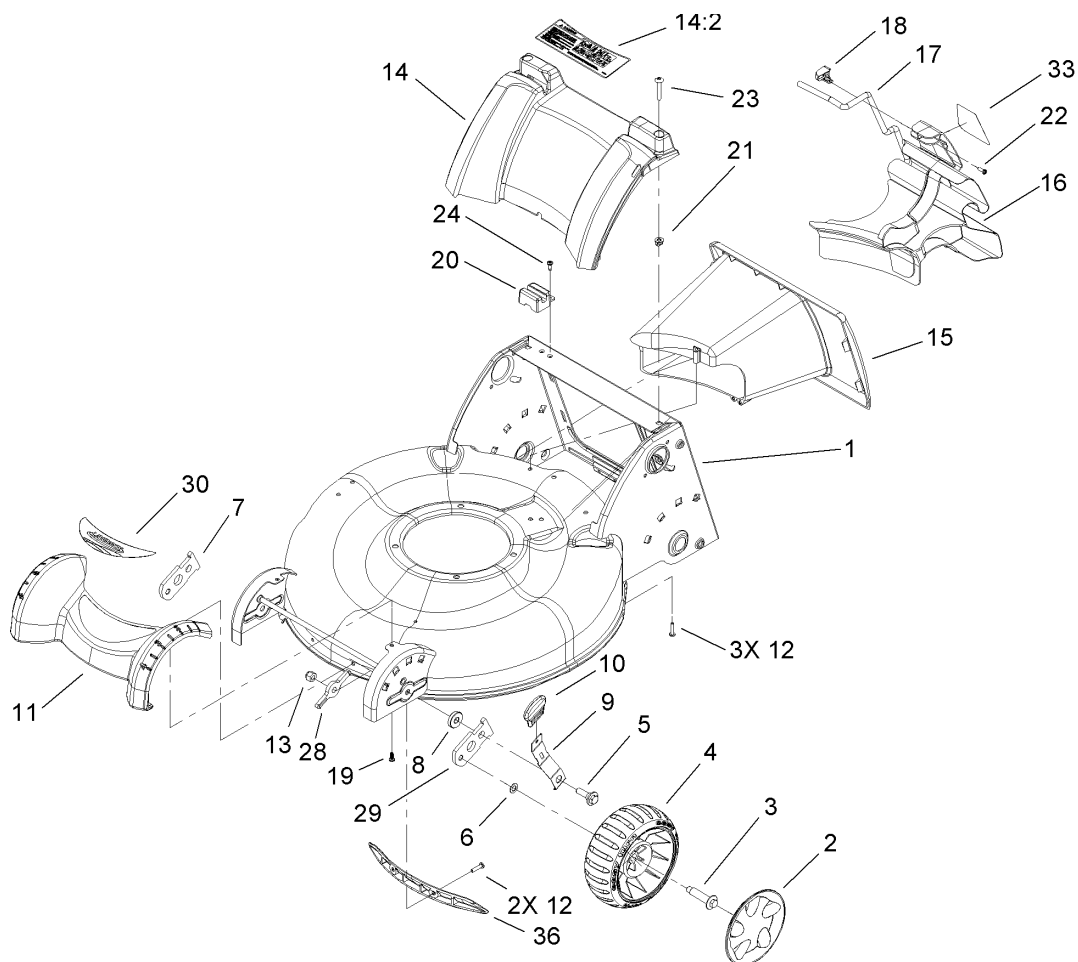
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HWHTF. hex washer head thread forming
ASM. assembly	HYD. hydraulic
BBC. blade brake clutch	INC. incorporated
CARR. carriage	LH. left hand
DEG. degrees	NI. nylon insert
EXT. external	NPTF. national pipe thread fine
FH. flat head	PPH. phillips pan head
GA. gauge	PPHTF. phillips pan head thread forming
HF. hex flange	PRH. phillips round head
HH. hex head	PTH. phillips truss head
HHF. hex head flange	PTO. power take off
HHFTF. hex head flange thread forming	RH. right hand
HJ. hex jam	ROPS. roll over protection system
HLH. hex lag head	SFH. slotted fillister head
HOC. height-of-cut	SHH. slotted hex head
HSBH. hex socket button head	SHWH. slotted hex washer head
HSFH. hex socket flat head	SPH. slotted pan head
HSH. hex socket head	SQH. square head
HWH. hex washer head	

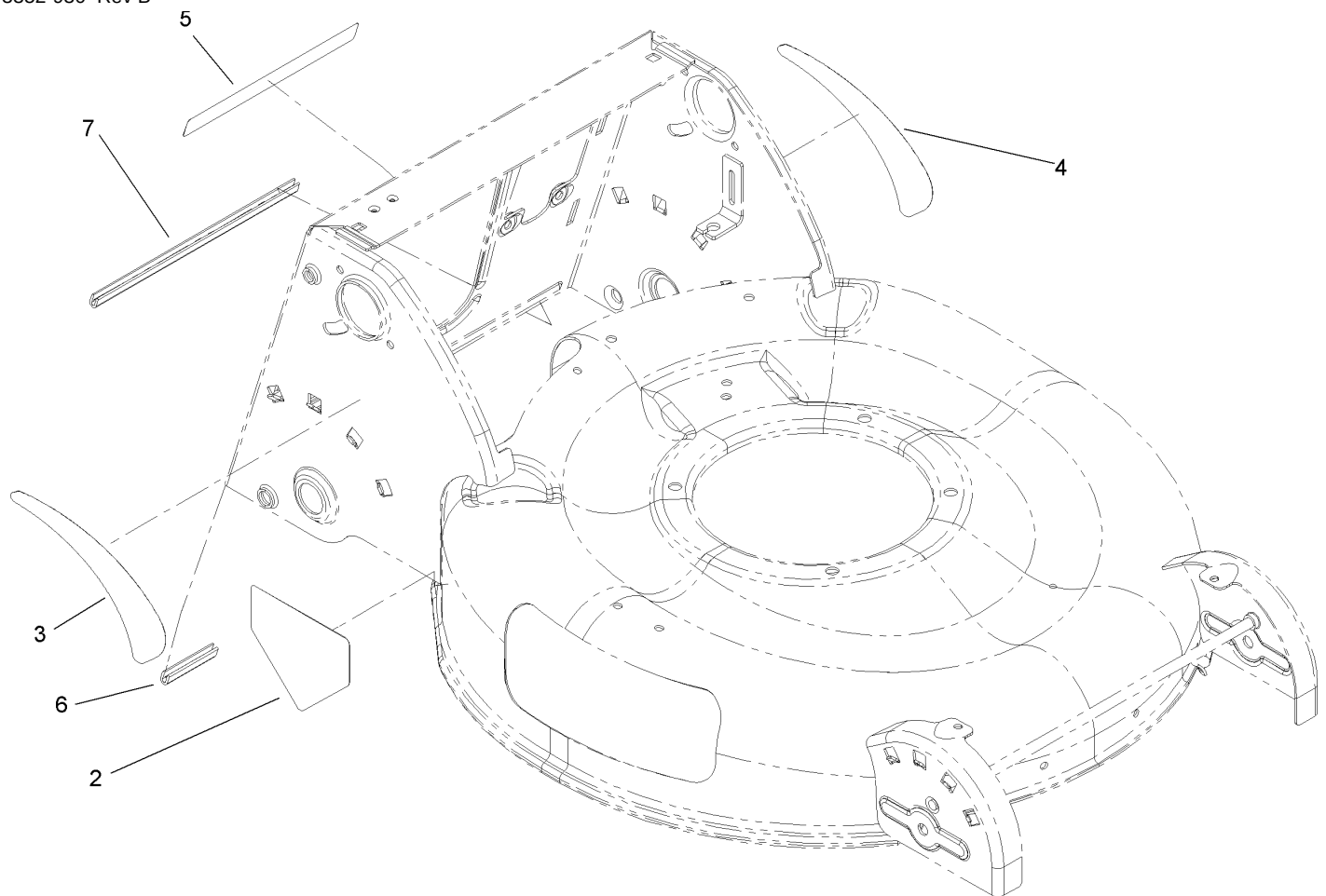
Footnotes

- | | |
|--|---------------------------|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Obtain from your local Tecumseh dealer | |



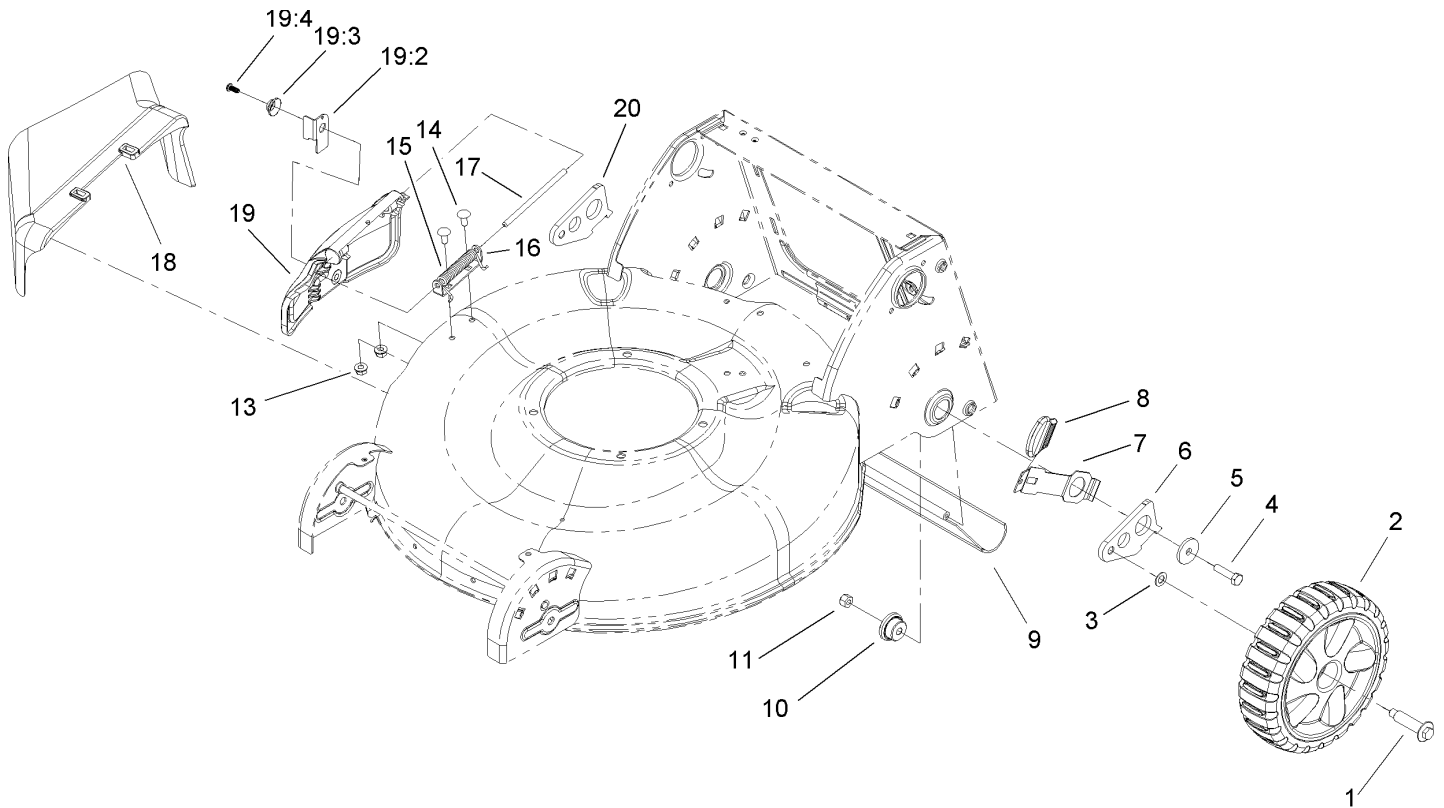
Front End and Tunnel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	108-9345	1	Housing ASM	24	105-6849	2	Screw-Thread Forming
2	107-3886	2	Cover-Wheel, 7In	28	108-1048	2	Washer-Support, Front
3	614650	2	Bolt-Shoulder	29	108-1044	1	Arm-Pivot, LH
4	107-3891	2	7In Wheel ASM	30	108-7453	1	Decal
5	614672	2	Bolt-Shoulder	33	108-7461	1	Decal
6	40-1940	2	Washer	36	108-7502	1	Insert-Housing
7	107-3877	1	Arm-Pivot, RH	39	110-1751	1	Mulch Plug ASM
8	92-4890	2	Washer				
9	107-3878	2	Arm-Spring				
10	107-1904	2	Knob-Lever, HOC				
11	107-3926	1	Cover-Front				
12	108-7476	5	Screw-Plastite				
13	3296-39	2	Nut-Lock, NI				
14	108-9348	1	Cover-Rear				
14:2	107-3888	1	Decal-Safety				
15	107-3905	1	Tunnel				
16	107-3907	1	Plug-Chute				
17	108-1038	1	Latch-Plug				
18	108-0956	1	Retainer-Latch				
19	108-7475	2	Screw-Plastite				
20	108-0967	1	Module-Switch				
21	94-1610	2	Nut-Clip				
22	32144-111	1	Screw-PPH				
23	108-0965	2	Screw-PTH				



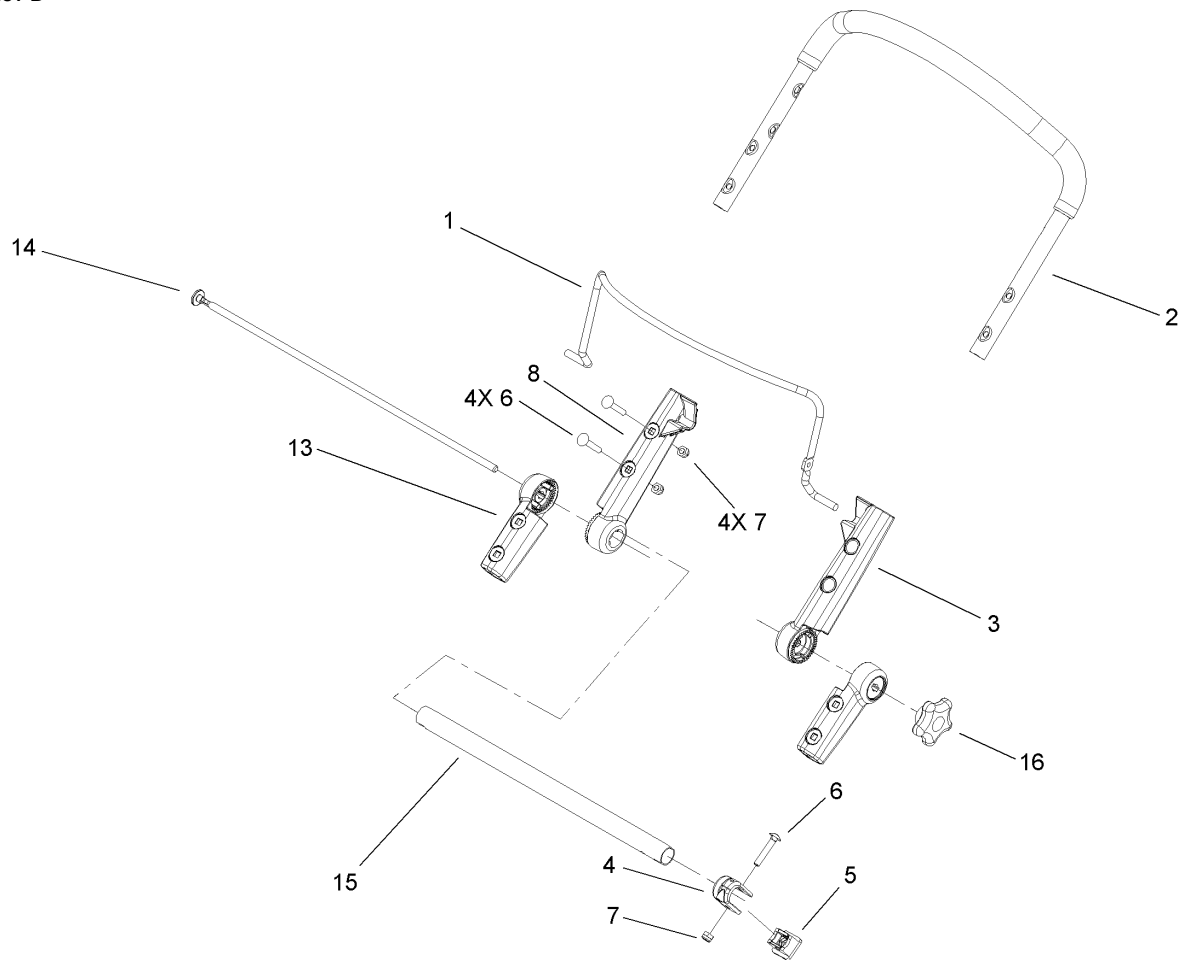
Housing and Decal Assembly No. 108-9345

Ref	Part No.	Qty.	Description				
2	94-8072	1	Decal-Danger				
3	108-7450	1	Decal-HOC, RH				
4	108-7451	1	Decal-HOC, LH				
5	107-3889	1	Decal-Safety				
6	108-7504	1	Strip-Edge				
7	108-9380	1	Strip-Edge				



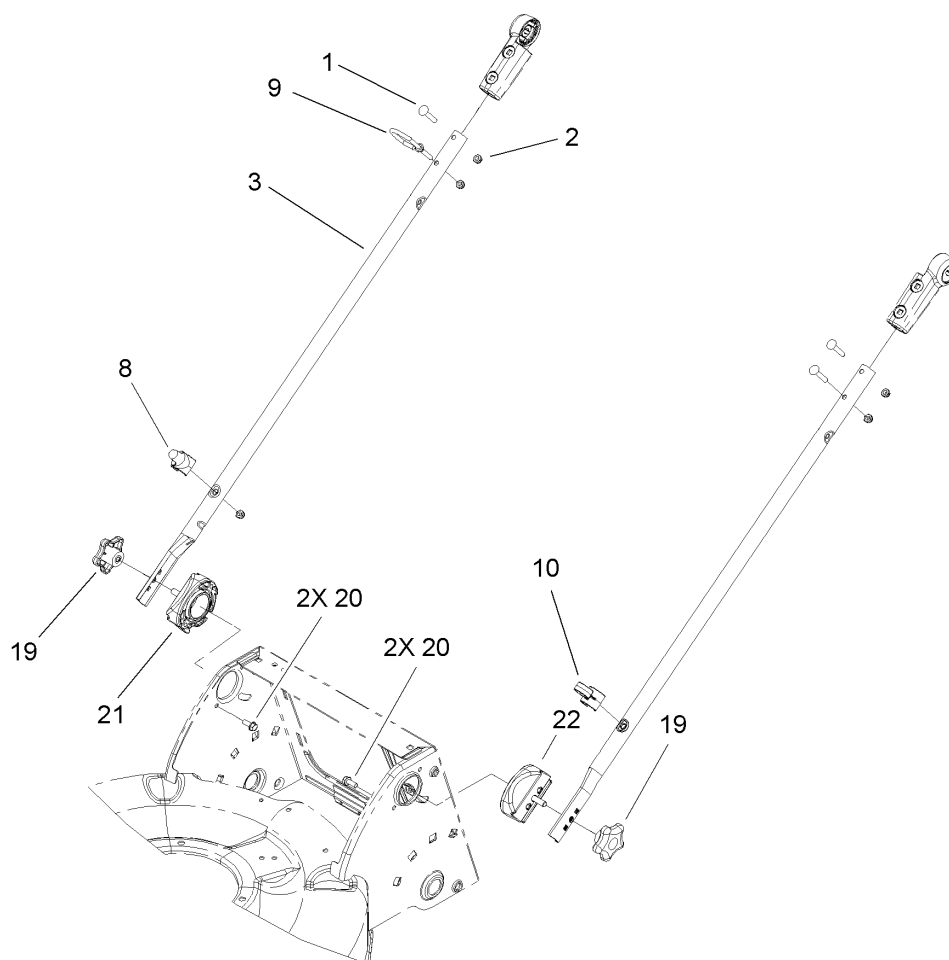
Rear End Assembly

Ref	Part No.	Qty.	Description				
1	614650	2	Bolt-Shoulder				
2	107-3898	2	8 In Wheel ASM				
3	40-1940	2	Washer				
4	322-6	2	Screw-HH				
5	105-3048	2	Washer-Flat				
6	107-3879	1	Arm-Pivot, Rear (LH)				
7	107-3880	2	Arm-Spring, Rear				
8	107-1904	2	Knob-Lever, HOC				
9	107-3904	1	Shield-Trailing				
10	105-1818	2	Bushing-Mount, HOC				
11	3296-29	2	Nut-Lock, NI				
13	32128-32	2	Nut-HHF				
14	3229-11	2	Screw-CARR				
15	99-5293	1	Spring-Torsion				
16	99-5292	1	Bracket-Cover				
17	99-5291	1	Rod-Cover				
18	105-3028	1	Chute-Discharge, Side				
19	106-8376	1	Discharge Door ASM				
19:2	107-0795	1	Latch-Door				
19:3	107-7456	1	Cap-Door				
19:4	107-7461	1	Screw-Plastite				
20	108-1039	1	Arm-Pivot, Rear (RH)				



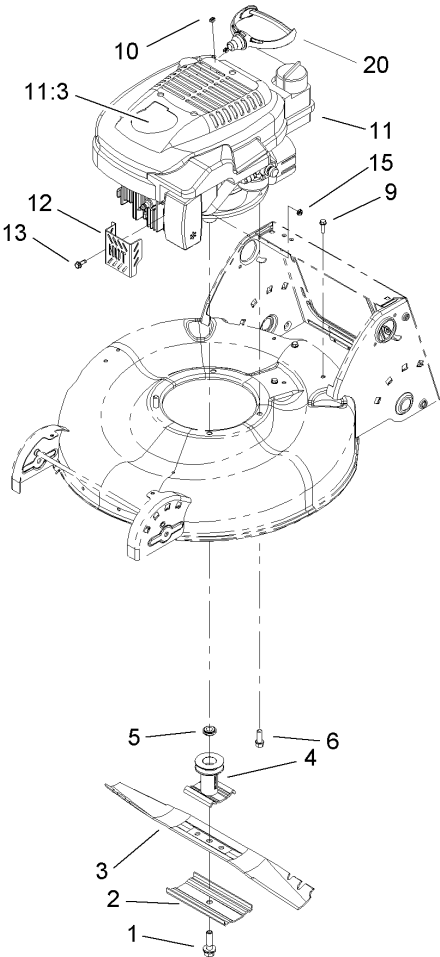
Upper Handle Assembly

Ref	Part No.	Qty.	Description				
1	108-1035-03	1	Bail-Brake				
2	110-1752	1	Handle ASM				
3	108-1030	1	Mount-Handle, LH				
4	107-3910	1	Cable-Brake				
5	108-1040	1	Support-Mount, Cable				
6	108-0988	5	Screw-CARR				
7	3296-73	5	Nut-Lock, NI				
8	108-1031	1	Mount-Handle, RH				
13	107-3865	2	Mount-Handle, Lower				
14	107-3871	1	Rod-Threaded				
15	107-3867-03	1	Tube-Cross				
16	107-3937	1	Knob				



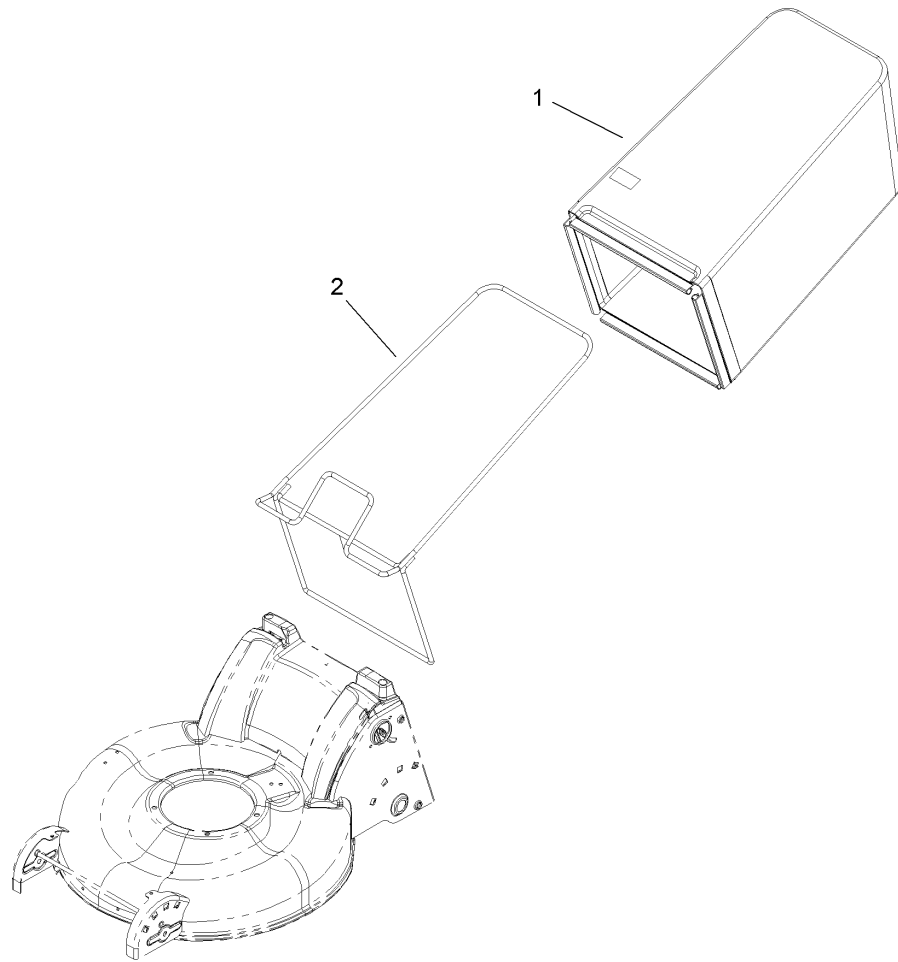
Lower Handle Assembly

Ref	Part No.	Qty.	Description				
1	108-0988	3	Screw-CARR				
2	3296-73	4	Nut-Lock, NI				
3	107-3887-03	2	Tube-Lower				
8	108-0994	1	Guide-Rope, Lower				
9	107-3908	1	Guide-Rope, Upper				
10	106-6805	1	Guide-Cable				
19	106-4161	2	Knob-Handle				
20	32144-85	4	Screw-HWH				
21	108-1042	1	RH Handle Mount ASM				
22	108-1043	1	LH Handle Mount ASM				



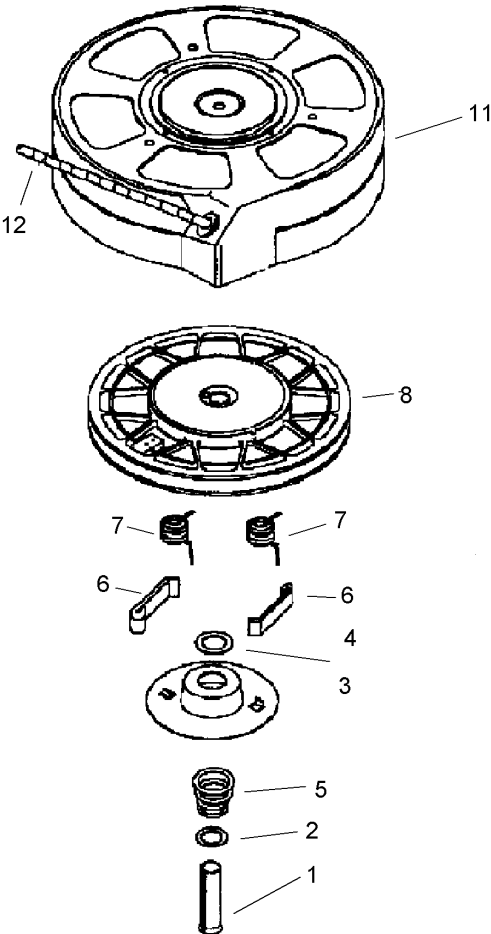
Blade and Engine Assembly

Ref	Part No.	Qty.	Description				
1	105-8579	1	Bolt-Blade				
2	108-3766-03	1	Support-Blade				
3	108-0954-03	1	Blade-21 In				
4	106-3987	1	Blade Driver ASM				
5	106-3999	1	Spacer-Driver				
6	92-1624	3	Screw				
9	46-8091	3	Screw-HWH				
10	92-1701	1	Stop-Rope				
11		1	Engine-Tecumseh, Lv195Ea-362044C				
11:3	108-7452	1	Decal-Recoil				
12	106-8346	1	Guard-Muffler				
13	32144-85	1	Screw-HWH				
15	32149-7	1	Nut-Keps				
20	106-8345	1	Handle-Recoil				



Rear Bag Assembly

Ref	Part No.	Qty.	Description
1	107-3911	1	Bag-Grass
2	107-3912-03	1	Bag Frame ASM

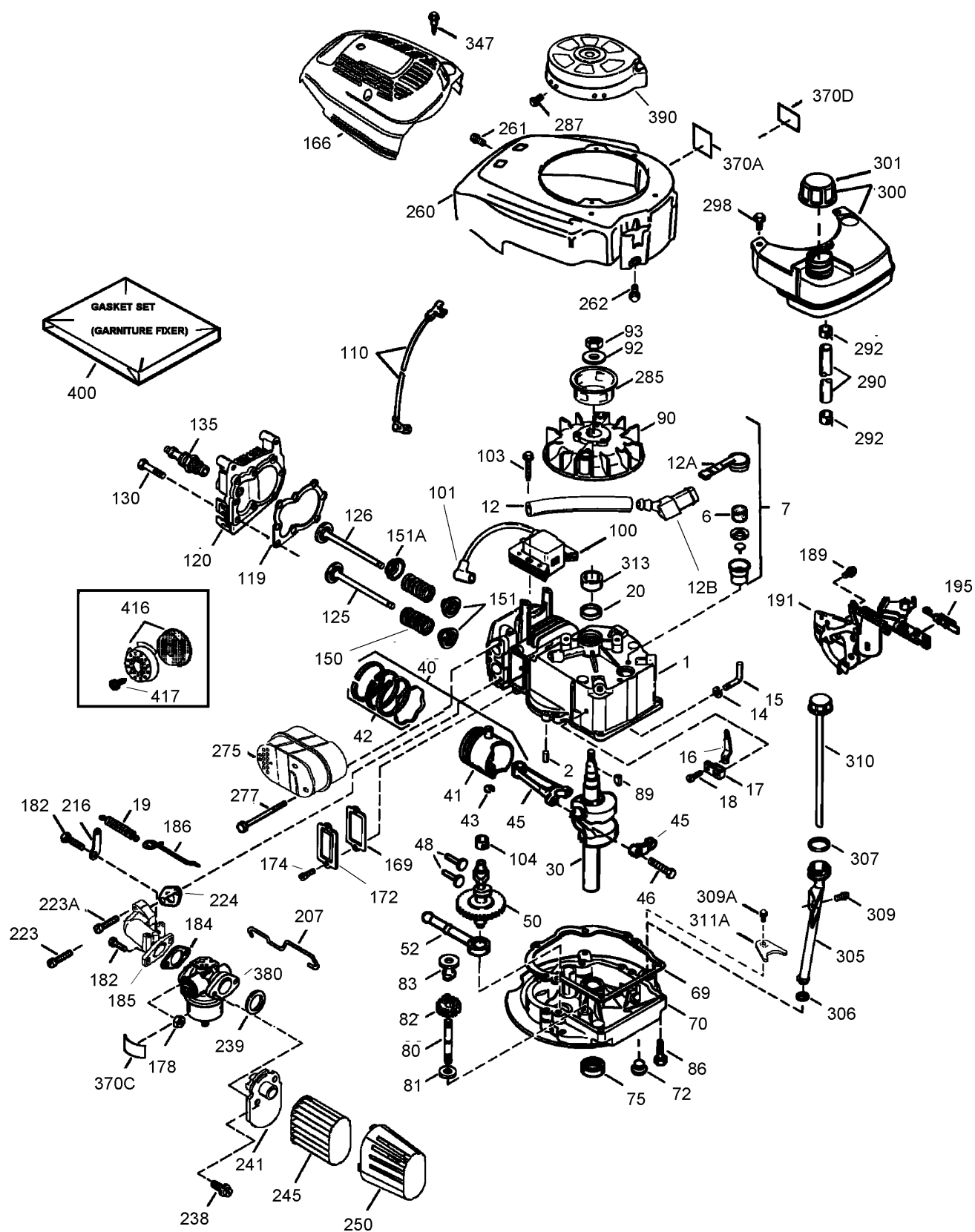


Recoil Starter Assembly No. 590702 (Optional)
Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description				
❶0	590702	1	Starter-Recoil				
❶1	590599A	1	Spring Pin ASM				
❶2	590600	1	Washer				
❶3	590696	1	Retainer				
❶4	590601	1	Washer				
❶5	590697	1	Spring-Brake				
❶6	590698	2	Dog-Starter				
❶7	590699	2	Spring-Dog				
❶8	590700	1	Pulley And Rewind Spring ASM				
❶11	590703A	1	Starter Housing ASM				
❶12	590535	1	Rope-Starter (98In X 9/64In Diameter)				

Engine Assembly

Tecumseh LV195EA-362044C



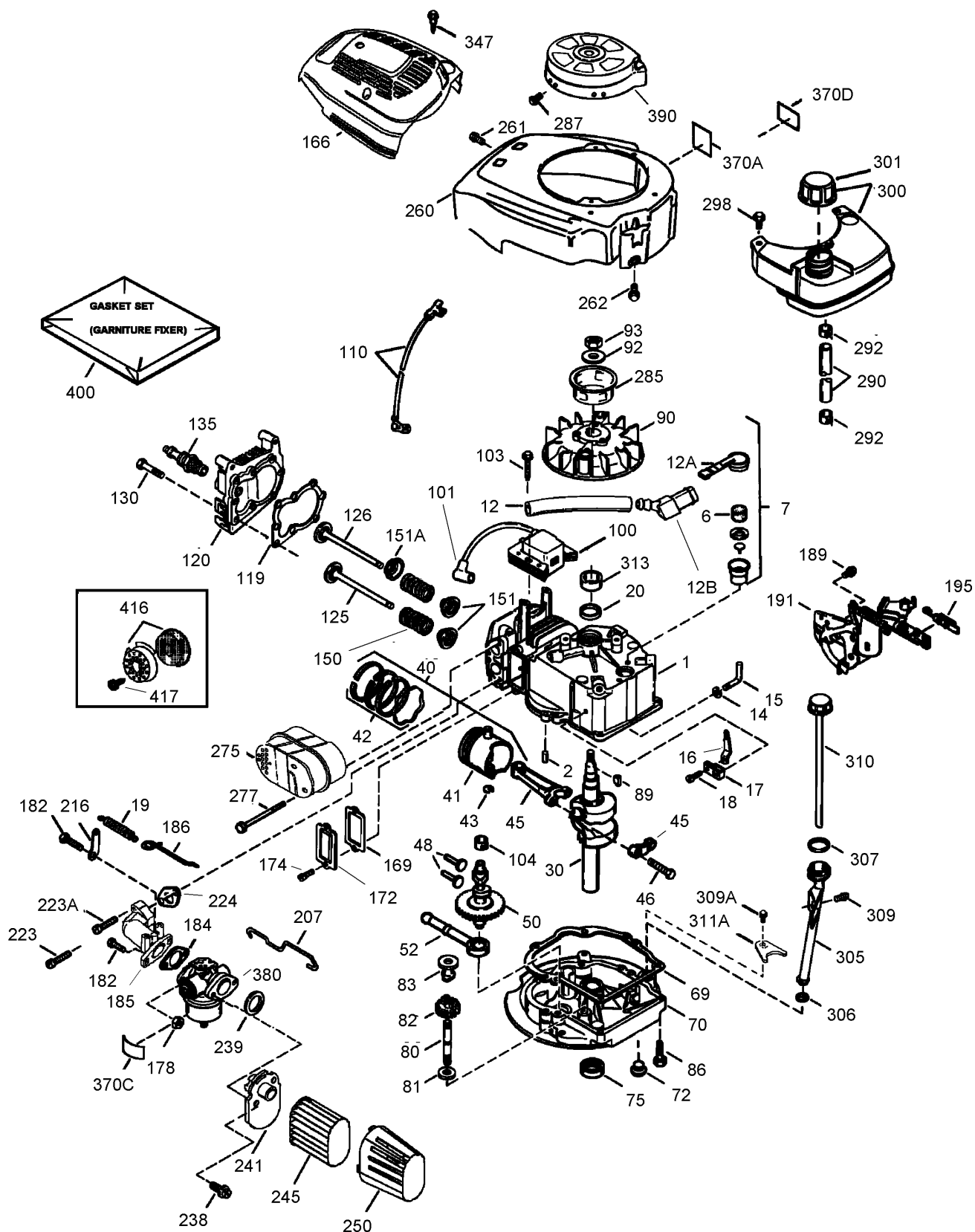
Engine Assembly

Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description				
③1	37465	1	Cylinder				
③2	26727	2	Pin-Dowel				
③6	33734	1	Element-Breather				
③7	36557	1	Breather ASM				
③12	37944	1	Tube-Breather				
③12A	36558	1	Breather Cover And Tube ASM				
③12B	36694	1	Elbow-Tube, Breather				
③14	28277	1	Washer				
③15	30589	1	Rod-Governor				
③16	34839A	1	Lever-Governor				
③17	31335	1	Clamp-Lever, Governor				
③18	651018	1	Screw				
③19	36281	1	Spring-Extension				
③20	32600	1	Seal-Oil				
③30	37692	1	Crankshaft				
③40	40027	1	Piston Pin And Ring Set (STD.)				
③41	40042	1	Piston And Pin ASM (STD.)				
③42	40006	1	Ring Set (STD.)				
③43	20381	2	Ring-Retaining				
③45	36777	1	Connecting Rod ASM				
③46	32610A	2	Bolt-Rod, Connecting				
③48	27241	2	Lifter-Valve				
③50	37460	1	Camshaft				
③52	29914	1	Oil Pump ASM				
③69	37609	1	Gasket-Flange, Mounting				
③70	37608	1	Flange-Mounting				
③72	37614	1	Plug-Drain, Oil				
③75	27897	1	Seal-Oil				
③80	30574A	1	Shaft-Governor				
③81	30590A	1	Washer				
③82	30591	1	Governor Gear ASM				
③83	30588A	1	Spool-Governor				
③86	650488	6	Screw (1/4-20 X 1-1/4In)				
③89	611298	1	Key-Flywheel				
③90	611299	1	Flywheel				
③92	650815	1	Washer-Belleville				
③93	650816	1	Nut-Flywheel				
③100	34443C	1	Ignition-Solid State				
③101	610118	1	Cover-Spark Plug				
③103	651007	2	Screw				
③104	37480	1	Bushing-Cam				

Engine Assembly (continued)

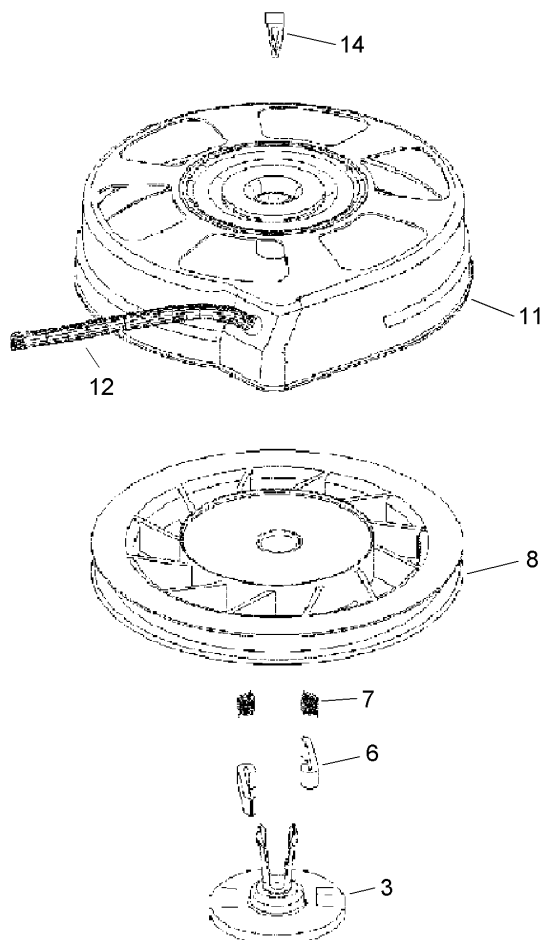
Tecumseh LV195EA-362044C



Engine Assembly (continued)

Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
③110	37047	1	Wire-Ground	③313	34080	1	Spacer
③119	37796	1	Gasket-Head, Cylinder	③347	650898A	4	Screw (10–32 X 27/32In)
③120	37714	1	Head-Cylinder	③370A	36261	2	Decal-Lubrication
③125	36780	1	Valve-Exhaust (1/32In Os)	③370C	37695	1	Decal-Primer
③125	37288	1	Valve-Exhaust (STD.)	③370D	35977	1	Decal-Warning
③126	37289	1	Valve-Intake (STD.)	③380	640350	1	Carburetor ASM
③130	6021A	8	Screw (5/16–18 X 1–7/16In)	③390	590739	1	Starter-Rewind
③135	35395	1	Spark Plug-Resistor	③400	37613A	1	Gasket Set
③150	31672	2	Spring-Valve	③416	37530	1	Spark Arrestor Kit (Optional)
③151	31673	2	Cap-Spring, Valve				
③151A	40017	1	Seal-Valve, Intake				
③166	37813	1	Shroud-Engine				
③169	36783	1	Gasket-Cover, Valve				
③172	36784	1	Cover-Valve				
③174	30200	2	Screw (10–24 X 9/16In)				
③178	29752	2	Nut And Lock Washer ASM				
③182	6201	2	Screw (1/4–28 X 7/8In)				
③184	26756	1	Gasket-Carburetor To Intake Pipe				
③185	37466	1	Pipe-Intake				
③186	32653	1	Link-Governor				
③189	650839	2	Screw (1/4–20 X 3/8In)				
③191	36559A	1	Bracket-Brake				
③195	610973	1	Terminal				
③207	34336A	1	Link-Throttle				
③216	33086	1	Lever-Adjusting, R.P.M.				
③223	650451	1	Screw (1/4–20 X 1In)				
③223A	651074	1	Stud-Pipe, Intake				
③224	36786	1	Gasket-Pipe, Intake				
③238	650932	2	Screw (10–32 X 49/64In)				
③239	34338	1	Gasket-Cleaner, Air				
③241	36919	1	Collar-Cleaner, Air				
③245	36905	1	Filter-Cleaner, Air				
③250	37122	1	Cover-Cleaner, Air				
③260	37696A	1	Housing-Blower				
③261	30200	2	Screw (10–24 X 9/16In)				
③262	650831	2	Screw (1/4–20 X 1/2In)				
③275	37498	1	Muffler				
③277	650988	2	Screw (1/4–20 X 2–9/32In)				
③285	35000A	1	Cup-Starter				
③287	650926	2	Screw (8–32 X 21/64In)				
③290	29774	1	Line-Fuel				
③292	26460	2	Clamp-Line, Fuel				
③298	28763	2	Screw (10–32 C 35/64In)				
③300	37947	1	Fuel Tank ASM				
③301	37844	1	Fuel Cap ASM				
③305	35647	1	Tube-Fill, Oil				
③306	37610	1	O-Ring				
③307	35499	1	O-Ring				
③309	650562	1	Screw (10–32 X 1/2In)				
③309A	650783	1	Screw (10–24 X 3/4In)				
③310	35648	1	Dipstick				
③311A	37611	1	Bracket-Down, Hold				



Rewind Starter Assembly No. 590739

Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description				
③0	590739	1	Starter-Rewind				
③3	590740	1	Retainer				
③6	590616	2	Dog-Starter				
③7	590617	2	Spring-Dog				
③8	590618A	1	Pulley And Rewind Spring ASM				
③11	590638A	1	Starter Housing ASM				
③12	590535	1	Rope-Starter (98In X 9/64In Diameter)				
③14	590760	1	Clip-Spring				

Attachments and Accessories

For 10683 - Insight Lawn Mower

Product Name	Model/Part
Loose Parts Kit	108-9353
Replacement Bag	89815
Rear Bag Kit	89913
21 In Blade	89914
Air Filter	89945
Spark Plug	89946

NOTES

NOTES

